

Network Description Documentation

ACDO0001A



Prepared by:

USMC Network Design Facility
Marine Corps Tactical Systems Support Activity

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WARNING WARNING WARNING

Warning: Modification of this network by unauthorized
personnel is in violation of the
CJCSI 6232.021A (01 JUN 1998) on Deconfliction

ACDO0001A
MARINE CORPS NETWORK DESIGN FACILITY
NETWORK DESCRIPTION

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Executive Summary

Network:	ACDO0001A		Created for: Operation Southern Watch		
Use Limitations:		IPF OVERRIDE = 100/50			
Participants:	USMC Platforms	USN Platforms	USA Platforms	USAF Platforms	UK Platforms
	1 JTAOM	Refer to Navy Document. See note below.	Refer to Navy Document. See note below.	Refer to Navy Document. See note below.	Refer to Navy Document. See note below.
Operational Summary:		Highest Platform TSDF = 78.31%			
Send comments and Recommendations to:		USMC Network Design Facility Attn: AD-09 (MCNDF) Box 555171 Camp Pendleton, CA 92055-5171 E-mail: mcndf@mctssa.usmc.mil Website: http://www.mctssa.usmc.mil Telephone: DSN 365-2796/2133 COMM (760) 725-2796/2133			

Note:

Please refer to the Navy Document (ANDU030B.PDF) for this network. It is located on the MC-JNL-2001-x CD, the Navy JNL 200 CD, the Marine Corps Network Design Facility Website located at <http://www.mctssa.usmc.mil>, or the Navy Network Design Facility Website located at <https://www.nctsi.navy.mil>.

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Introduction

Network ACDO0001A is a joint network developed by the Navy for operations in Southwest Asia in support of Operation Southern Watch (OSW). It was designed under the exercise mode and meets the needs of a single Carrier Battle group (CVBG) operating with JTIDS equipped fighters. This network will support a total of 56 direct JTIDS participants and two E-3 JMS (E-3I). It has only one Marine Corps platform, JTAOM(1).

Purpose

The purpose of this documentation is to describe the Marine Corps additions to Network ACDO0001A. It was created to allow initialization and communications of tactical data between all participating units. This documentation and appropriate loading data is being delivered to the appropriate Marine Corps units and Joint Services. Each of the other services participating in this network should contact their appropriate Network Design Facility to acquire their loading media.

Notes:

1. The network's **IPF Override** is set to **1**, the **TSDF** is set to **100/50**, the **Communications Mode** is set to **Mode 1**, the **TDMA Range** is **300 nmi**, the **TSEC** and **MSEC** is set to **1**.
2. **16 Kbps Voice Communications** will be available on the JTAOM (1).
3. **JICO oversees all responsibility in managing the network TSDF, NTS, and Relay assignments.**
4. Platform **TAOM (1)** is platform **JTAOM (1)**.

1.0 Functional Description

This network was created in support of Operation Southern Watch. It has one Marine Corps platform, JTAOM (1)

1.1 Operational Summary

1. 100/50 with 16 Kbps JTIDS Voice.
2. View this document in coordination with the Navy document for Network ACDO0001A.

1.2 Use Limitations

1. IPF Override = 100/50
2. 16 Kbps JTIDS Voice.

2.0 USMC Platforms

JTAOM (1)

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2.1 Network Participation Groups

For NPG Assignments, refer to the Navy master document for this network. JTAOM (1) is participant number 25 on the Connectivity Matrix.

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Appendix A

NDL File Name Table

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NDL File Name Table

Network Platform Name By Service	File Name/Network Used By Host System
Marine Corps Platforms	
JTAOM(1)	TAOM1_15.PF

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Appendix B

Short Form Report for Participant JTAOM (1)

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Participant JTAOM (1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Set	Index	RRN	Net	Relay Delay
JTAOM(1)	1	T	3	8	8	1.1	0	B	9	9	0	0
	2	T	6	1	1	5.1	15	A	242	6	1	0
	3	T	7	8	8	16.1	1	B	4	9	1	0
	4	T	8	4	4	20.2	10	A	94	8	1	0
	5	T	13	112	64	31.1	0	C	1	12	127	6
	6	T	13		32	31.2	0	C	5	11	127	6
	7	T	13		16	31.3	0	C	13	10	127	6
	8	R	6	16	16	4.1	0	B	12	10	1	0
	9	R	6	24	16	5.1	0	A	18	10	1	0
	10	R	6		8	5.2	0	A	62	9	1	0
	11	R	6	24	16	6.1	0	B	28	10	1	0
	12	R	6		8	6.2	0	B	2	9	1	0
	13	R	6	32	32	9.1	0	A	8	11	0	0
	14	R	7	184	128	10.1	0	B	3	13	1	0
	15	R	7		32	10.2	0	B	0	11	1	0
	16	R	7		16	10.3	0	B	25	10	1	0
	17	R	7		8	10.4	0	B	62	9	1	0
	18	R	7	184	128	11.1	0	C	0	13	1	0
	19	R	7		32	11.2	0	B	8	11	1	0
	20	R	7		16	11.3	0	C	29	10	1	0
	21	R	7		8	11.4	0	B	1	9	1	0
	22	R	7	48	32	12.1	0	A	4	11	1	0
	23	R	7		16	12.2	0	A	6	10	1	0
	24	R	7	48	32	13.1	0	A	11	11	1	0
	25	R	7		16	13.2	0	B	10	10	1	0
	26	R	7	32	32	15.1	0	A	7	11	1	0
	27	R	7	24	16	16.1	0	B	4	10	1	0
	28	R	7		8	16.2	0	B	41	9	1	0
	29	R	7	24	16	17.1	0	B	6	10	1	0
	30	R	7		8	17.2	0	B	49	9	1	0
	31	R	7	8	8	19.1	0	B	22	9	1	0
	32	R	8	40	32	20.1	0	A	12	11	1	9
	33	R	8		8	20.2	0	A	30	9	1	13
	34	R	8	24	16	23.1	0	B	26	10	1	0
	35	R	8		8	23.2	0	B	54	9	1	0
	36	R	30	16	16	46.1	0	A	22	10	0	0
	37	R	31	64	64	47.1	0	C	6	12	0	0